

Converting Colors

Hex(3A448A)

Have a look what the booklet for
Hex(3A448A) contains.

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Color

Hex(3A448A)

Conversions

Conversions Part 1

Format	Color
Hex	3A448A
RGB	58, 68, 138
RGB Percent	23%, 27%, 54%
CMY	0.7725, 0.7333, 0.4588
CMYK	0.58, 0.51, 0.00, 0.46
HSL	232°, 41%, 38%
HSV	232°, 58%, 54%
XYZ	8.3995, 6.8688, 24.9279
YIQ	72.9900, -28.4300, 19.6500

Conversions

Conversions Part 2

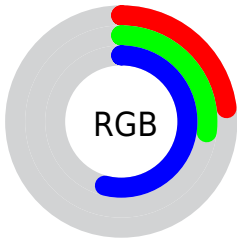
Format	Color
R_{YB}	58, 67, 138
Decimal	3818634
CIE _{Lab}	31.51, 17.94, -40.44
CIE _{LCh}	32, 44.244, 293.925
Yxy	6.8688, 0.2090, 0.1709
Android (android.graphics.Color)	4282008714 (0xFF3A448A)
YUV	72.9900, 32.0499, -13.1462
Hunter-Lab	26.2083, 11.3428, -38.0474

Details

The Hex color **3A448A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8A803A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7074C0**, and **001A57** is the 20% darker color. If you saturate the color by 10%, you get **2C388A**, and if you desaturate by 10%, it is **48508A**.

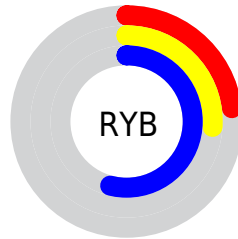
Distribution



Red (23%)

Green (27%)

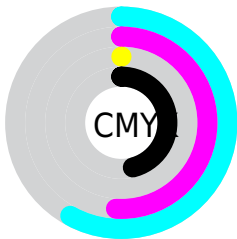
Blue (54%)



Red (23%)

Yellow (26%)

Blue (54%)

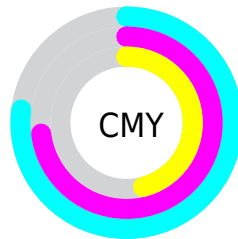


Cyan (58%)

Magenta (51%)

Yellow (0%)

Black (46%)



Cyan (77%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A448A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3A448A by changing the saturation by 10% instead.



3A448A



3A448A

FFFFFF



1D2E70



7074C0



001A57



8B8DDC



000040



A7A8F9



000329



C3C3FF



000113



E0DFFF



000000



FDFBFF



3A448A



3A448A



2C388A



48508A

■ 1E2C8A

■ 565C8A

■ 11208A

■ 63688A

■ 03148A

■ 71748A

■ 00118A

■ 7F808A

■ 8D8C8A

■ 9B998A

■ A8A58A

■ B6B18A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00508F



3A448A



6D3373

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A448A



793710



005942

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3A448A



8A803A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



05571E



3A448A



604600

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3A448A



862930



3F5000



005A65

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3A448A



7E295E



3F5000



005936

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3A448A



9498B3



3A8A7F



474A59



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3A448A



3645B3



573A8A



3E3F45



001185



000105

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8A3A44



B33645



6D8A3A



453E3F



850011



050001

Previews

White Background



This preview shows how the Hex color 3A448A looks on a white background.

Color Contrast Check

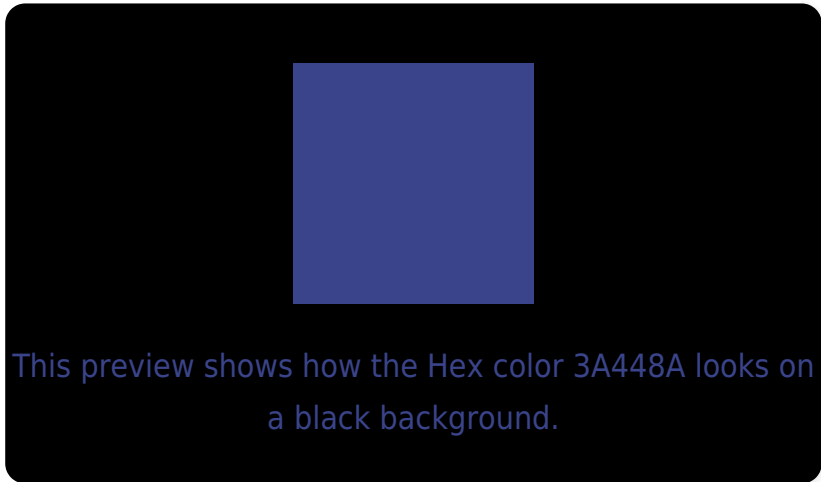
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A448A Background



This preview shows how black text looks on a background with the Hex color 3A448A.

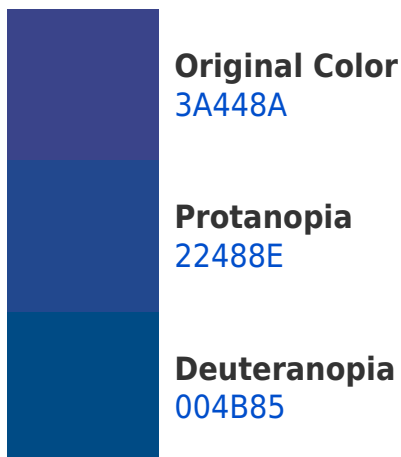


This preview shows how white text looks on a background with the Hex color 3A448A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

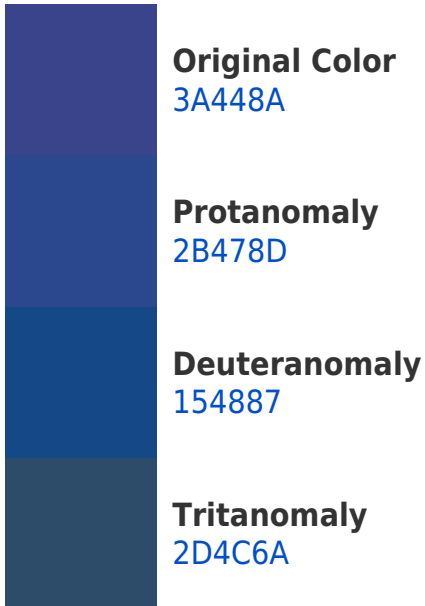
Dichromacy



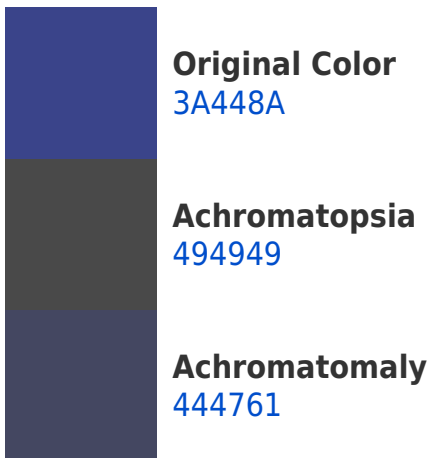


Tritanopia
255057

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A448A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3A448A looks like.

```
.text, #text, p{  
    color:#3A448A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3A448A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A448A
}
```

Border

The CSS property to change the border of an element to Hex 3A448A is called "border". The border property can be set on classes, ids or directly on the HTML element.

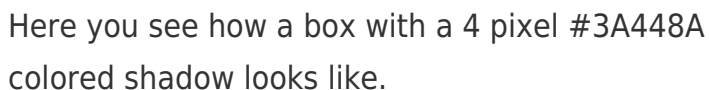
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A448A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3A448A }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #3A448A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A448A; -webkit-box-shadow:4px 4px  
4px 4px #3A448A; box-shadow:4px 4px 4px  
4px #3A448A }
```

Background

The CSS property to change the background color of an element to Hex 3A448A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A448A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3A448A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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